WHAT IS CLAIMED:

1. a tire inflation and handling assistance device comprising:

a support member;

a hub engagement and stop structure supported by said support member and pivotable between a first position for supporting a hub and tire assembly in a substantially horizontal position and a second position for supporting a hub and tire assembly in a tilted position at least one of adjacent or touching the ground, to facilitate at least one of a hub and tire assembly handling and hub and tire assembly sealed pressurization.

2. The tire inflation and handling assistance device as recited in claim 1 wherein an angle of pivot between said first position and said second position is in the range of from about of from about 50 degrees to about 75 degrees of displacement from a horizontal position to enable a hub and tire assembly to be tilted to and from engagement with said a hub engagement and stop structure and to enable said a hub engagement and stop structure and supported hub and tire assembly to and from a horizontal position.

3. The tire inflation and handling assistance device as recited in claim 1 wherein an angle of pivot between said first position and said second position is in the range of from about of from about 55 degrees to about 70 degrees of displacement from a horizontal position to enable a hub and tire assembly to be tilted to and from engagement with said a hub engagement and stop structure and to enable said a hub engagement and stop structure and supported hub and tire assembly to and from a horizontal position.

4. The tire inflation and handling assistance device as recited in claim 1 wherein an angle of pivot between said first position and said second position is about 65 degrees of displacement from a horizontal position to enable a hub and tire assembly to be tilted to and from engagement with said a hub engagement and stop structure and to enable said a hub engagement and stop structure and supported hub and tire assembly to and from a horizontal position.

5. The tire inflation and handling assistance device as recited in claim 1 wherein said horizontal position is stably supported.

6. The tire inflation and handling assistance device as recited in claim 5 wherein said stable support of said horizontal position is achieved by having a center of gravity of at least one of said hub and tire assembly, said a hub engagement and stop structure, and a combination of said a hub engagement and stop structure and said hub and tire assembly to one side of a pivot axis of said a hub engagement and stop structure in a direction of said horizontal position.

7. The tire inflation and handling assistance device as recited in claim 1 wherein said a hub engagement and stop structure further comprises at least three plate sections for supporting said hub and tire assembly at a center of said hub and tire assembly.

8. The tire inflation and handling assistance device as recited in claim 1 wherein said a hub engagement and stop structure is designed to extend at least partially through an opening of a hub and tire assembly.